

AMENDMENTS TO THE SPECIFICATION

Please replace the Abstract with the following rewritten Abstract:

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ABSTRACT

a1  
A pump drive head for a progressing cavity pump comprises a top mounted stuffing box rotatably disposed around a compliantly mounted standpipe with a self or manually adjusting pressurization system for ~~said~~ the stuffing box. To prevent rotary and vertical motion of the polish rod while servicing the stuffing box, a polished rod lock-out clamp is provided with the pump drive head integral with or adjacent to a blow-out-preventer which can be integrated with the pump drive head to save space and cost. A centrifugal backspin braking system located on the input shaft and actuated only in the backspin direction and a gear drive between the input shaft and output shaft are provided.

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Please replace the last paragraph on page 9 and bridging page 10 with the following paragraph:

a2  
~~Sub B5~~ In some cases, pressurization of the stuffing box is not worthwhile economically but having the stuffing box mounted on the top of the drive head remains a service benefit. **Figure 8** shows a preferred embodiment of a stuffing box which can be serviced from the top of the drive but does not have outer annular passage **94** pressurized. In this embodiment, wellhead pressure is applied to inner annular passage **114**. Stuffing box spring **118** is placed between packing rings **116** and static seal carrier **110** eliminating the need for adjustment of the packing rings. Static seals **126** prevent escape of well fluids between polished rod **26** and static seal carrier **110**. O-rings **236** prevent

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a2  
Cont'd

escape of well fluids between static seal carrier **110** and the inner bore of sleeve **80**. Drive cap **122** is threaded onto sleeve **80** and transmits torque to polished rod clamp **124** to rotate polished rod **26**. Leakage past packing rings **116** flows into a lantern ring **239** which has radial holes **242** to communicate with radial holes **238** in sleeve **80** to drain the fluid for collection in the housing. Leakage of well fluids into the drive head is prevented by static O-rings **241** between the lantern ring and sleeve **80** and by dynamic lip seals **240** between lantern ring **239** and standpipe **92**.

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Please replace the second paragraph on page 12 with the following paragraph:

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a3

As shown, in each embodiment, the clamp includes a tubular clamp body **162** having a bore **164** for receiving polished rod **26** in annularly spaced relation therethrough. A bushing **166** is mounted on an annular shoulder **168** formed at the bottom end of bore **164** for centering the polished rod in the housing. Flanges **167** or threaded connections depending on the application are formed at the upper and lower ends of the housing for bolting or otherwise securing the housing to the underside of the drive head and to the upper end of the flow tee. The clamp includes two or more equally angularly spaced clamp members or shoes **170** about the axis of the housing/polished rod. The clamp shoes are generally in the form of a segment of a cylinder with an arcuate inner surface **172** dimensioned to correspond to the curvature of the surface of the polished rod. Arcuate inner surfaces **172** should be undersize relative to the polished rod's diameter to enhance gripping force. In the embodiment of **Figures 14 and 15**, spring means **174** are provided to normally bias the clamp members into an un-clamped position. In the embodiment of **Figures 16 and 17**, the ends of bolts **176** are

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generally T-shaped to hook into correspondingly shaped slots ~~171~~  
169 in shoes **170** to positively retract the shoes without the  
need for springs **174**.

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